

# Controllers and sensors



## Control units

### Types

- SOLO                                      Single tank systems                                      all W sets  
(hot water)
  
- DUO                                        Single and two tank systems                                      all hot WH sets  
(hot water and auxiliary  
heating)
  
- VARIO                                      for 1 – 3 consumers                                      e.g. additional  
swimming pool heating

## Control units

### SOLO

- for 1 consumer
- LCD display
- 4 schemes selectable
- plug in plastic casing
- temperature display with knob
- heat transfer medium protection function
- base mounted to complete solar station
- heat volume measurement
- precise and robust platinum Pt-1000 temperature sensor
- Choice of 4 different systems.



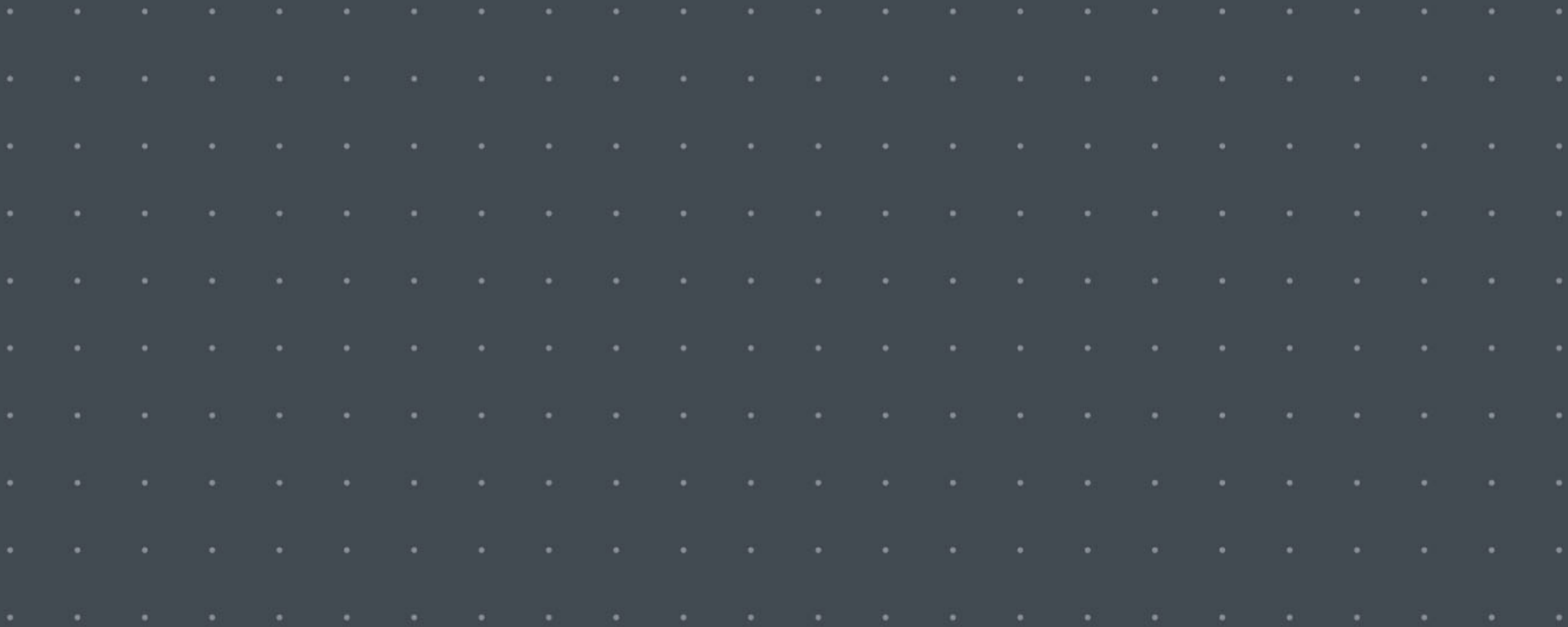
## Control units

### DUO

- for 1 - 2 consumers
- operation and display as for SOLO, additional features/functions:
- 17 schemes selectable
- also for East / West systems
- pulse controlled circulation
- thermostat, transfer or circulation with two separate time periods
- choice of 17 different systems.



# Control accessories



## Additional temperature sensor

- Used for measuring temperature at the
  - Cylinder
  - Return line heating
  - Swimming pools
- Measures temperature range:
  - $-5^{\circ}\text{C}$  -  $+80^{\circ}\text{C}$
- Available in 2m lengths.



## Collector temperature sensor

- Used for measuring temperature at the collector
- Inserted in an immersion sleeve on the absorber of the collector
- Measures temperature range:
  - $-30\text{ }^{\circ}\text{C}$  -  $+180\text{ }^{\circ}\text{C}$
- Available in 2m lengths of temperature and weather resistant cable.



## Pipe – mounted sensor

- Used for measuring temperature of the pipes
- Easy to attach to the pipes because of the prism-shaped connector and cable connector
- Measures temperature range:
  - -20 °C - + 105 °C
- Available in 2m lengths of temperature and weather resistant cable.



Any questions ?

